Department of Health – Open Ellis Code Evaluation

ADDENDUM #1
The Proposal Due date occurred to soon after the response to Questions were published and MDH has made the following changes to extend the date on the original SOW. MDH has made the changes the changes below. Because of this change MDH has extended the proposal date as identified below.Section 2 Project Duties and Deliverables is revised as follows:

Process Schedule

Deadline for Questions	2/23/2011 4:00 PM, CST
Posted Response to Questions	2/24/2011 4:00 PM, CST
Proposals due	~~2/25/2011 4:00 PM, CST~~
	3/2/2011 4:00 PM, CST
Anticipated proposal evaluation begins	~~2/28/201110 4:00 PM, CST~~
	3/3/2011 4:00 PM, CST
Anticipated proposal evaluation & decision	~~3/2/2011 4:00 PM, CST~~
	3/9/2011 4:00 PM, CST

Questions and Answers

1. Are you looking for 1 vendor to perform the entire project?
   - Yes
2. Is the secure code review going to be a separate project?
   - You may propose multiple or one project.
3. Can you please share with us the technical architecture diagram of the OpenElis system?
   - None exist that we are aware of (There has been substantial project team member turnover so it is possible that this documentation exists)
4. Can a vendor propose to review the project deliverables from an offsite location while interacting with the development team over the phone on conference calls and/or visits to MDH on an as needed basis?
   - Yes, subject to any limitations enforced by OET or state law.
5. Quantitative Information
   1. How many J2EE components (for each component type)
      1. Jsp's - 750
      2. Servlets (POJO's) – 1300

3. Many of the JSP's have java embedded in them
4. Associated configuration files for Tiles, Struts and Hibernate - 500
2. Approx. total lines of code?
    1. 170000 lines of java
    2. 65000 lines of JSP
    3. 94000 lines of XML

3. Number of tables in the data model? – 218, 15 views
4. Number of data elements in the data dictionary?
    1. 1900

5. Number of screens, reports and batch processes
    1. 40 Screens
    2. 30 Popu-Screens
    3. 50 MasterList Screens
    4. 20 reports
    5. 1 standalone non-web application for batch reports.
6. Number of use cases or requirement specifications
    1. Substantial 500+

6. What are the constraints surrounding the schedule? Based on our assessment, can we propose to take longer , if we feel that is necessary?
    - Yes, propose what you believe is necessary. We would definitely need work complete prior to our fiscal year end July 1, 2011.
7. Can you please share with us MDH technical standards (J2EE, Oracle, and Security Standards) so that we can assess the standards in the context of industry standards.
    - We are not looking for a evaluation of compliance with internal standardsbut rather an evaluation of correct implementation of frameworks and tools used. Are they following industry best practices?
    - For security standards you may refer to the OWASP top 10.
8. The SOW asks for Oracle experience. However, in the project deliverables section, there is no mention about data model or database evaluation. Can you let us know the rationale for asking for Oracle experience. In most cases, strong RDBMS expertise will be needed to assess the data model; an Oracle specific experience may not be necessary – hence the question.
    - We are comfortable with our internal evaluation of the datamodel.   The experience necessary would be RDBMS experience specifically whether the Hibernate implementation was done correctly and optimally.   Oracle was included because it is the database that the application will run on.
9. Please clarify whether MDH expects a time & materials based cost proposal or a Fixed Price by deliverables based cost proposal?
    - We prefer fixed price proposals but will consider time and material proposals.
10. Please confirm that MDH will provide work space, computer hardware, software and telecommunication facilities for onsite personnel assigned to the project.
    - Yes, but not sure what you mean by telecommunication facilities.
11. We would need active participation from the current development team. Considering this is an audit/review of their deliverables, should we expect any issues with respect to receiving proper cooperation and information from them during the project?
    - People will be provided and cooperate as necessary.
12. What is the current status of the project with respect to system development life cycle? Has user acceptance testing been completed? Is it ready for production deployment ? Can you please share details on current project status?

- Development and user acceptance testing are complete.   System is entering final phase of pre-deployment.

13. Do you have unit and system test cases for the entire system, that can be used to aid part of the review process? If available, can you please provide a copy of the same.
    - None exist. QA has been performed manually through testing scripts.

14. What versions of each technology component are you using (Hibernate, Struts, Tiles, JSP, name and version of your IDE, etc)?
    Hibernate 3.1.3, struts 1.2.7,jsp2, IDE varies (Eclipse different versions)

15. What other frameworks, services, technologies and/or components are you using in addition to the development frameworks and technologies mentioned above?
    Maven

16. Is evaluation of the build and maintenance process part of the analysis?
    An opinion on what would be necessary to maintain. Build not necessary

17. Does the scope include just looking at the code base or also researching other OpenELIS projects?
    Looking at the code base

18. Is there a preferred methodology or SDLC that will be used by the MDH Project Manager?
    System was developed using a traditional waterfall methodology.

19. What are the general milestones for the project?
    Project has been through user acceptance and development is done. Question is whether to build anything on top of what was developed

20. Is a time-and-materials (T&M) quote acceptable?
    - Yes, we will consider all proposals

21. Is the work local or can it be done remotely?
    - Location of work is subject to limitations enforced by OET or state law.   There are no limitations set by MDH.

22. What is the budget cap on this project?
    - ?

23. The RFP states that end date is towards the end of April. Is there flexibility on this date?
    - There is some flexibility but must be completed before the end of state fiscal year (July 1)

24. Is there an incumbent vendor on this project?
    - No, producted has been produced over many years with multiple vendors and some in-house

25. What is the solicitation number?
    - You may refer to bid using name (OPENELIS RFP with date)

26. Could we propose the Code Review portion and not the Architecture
    - You may propose what you wish. Make sure to add your rationale for only proposing part of it.

27. Number of lines of code

- 170000 lines of java
- 65000 lines of JSP
- 94000 lines of XML

28. Do you require a cost proposal under separate cover
    - No
29. What versions of each technology component are you using (Hibernate, Struts, Tiles, JSP, name and version of your IDE, etc)?
    - Hibernate 3.1.3, struts 1.2.7,jsp2, IDE varies (Eclipse different versions)

30. What other frameworks, services, technologies and/or components are you using in addition to the development frameworks and technologies mentioned above
    - Maven
31. Is evaluation of the build and maintenance process part of the analysis?
    - An opinion on what would be necessary to maintain. Build not necessary
32. Does the scope include just looking at the code base or also researching other OpenELIS projects?
    - Looking at the code base
33. Is there a preferred methodology or SDLC that will be used by the MDH Project Manager?
    - System was developed using a traditional waterfall methodology.
34. What are the general milestones for the project?
    - Project has been through user acceptance and development is done. Question is whether to build anything on top of what was developed.